



# Update on the California Air Resources Board's International Engagement

April 25, 2019

# Areas of International Engagement

Air Quality

Cap-and-Trade

Clean  
Transportation

Climate  
Change

# Approach to International Engagement

- Interactions with high-level officials from priority countries and subnational jurisdictions
- CARB management and staff participation in international conferences and events
- Increasing number of visits from international delegates each year
- Ongoing exchanges between program staff and delegates



# California's Climate and Clean Air Programs are a Model for the rest of the World



California is  
**ON TRACK**  
to achieve  
the goals of AB 32

# Lessons to Learn from Other Jurisdictions

## The Guardian:

*'It's no longer free to pollute': Canada imposes carbon tax on four provinces*

## Forbes:

*China is Set to Lead in the Global Electric-Vehicle Revolution*

## New York Times:

*Costa Rica Has a Green New Deal, too.  
It Matters for the Whole Planet*

# California Agreements with States and Regions throughout the World

## North America

United States

U.S. Climate Alliance

Pacific Coast Collaborative

Western Climate Initiative

Canada

Mexico

## South America

Brazil

Chile

Colombia

Ecuador

Peru

## United Kingdom

England

Wales

Scotland

## Europe

Denmark

France

Germany

Netherlands

Norway

Spain

Sweden

## Africa

Ivory Coast

Nigeria

## Middle East

Israel

## Asia

China

India

Indonesia

Japan

Malaysia

South Korea

## Oceania

Australia

New Zealand

# Visiting Delegations

## 2018

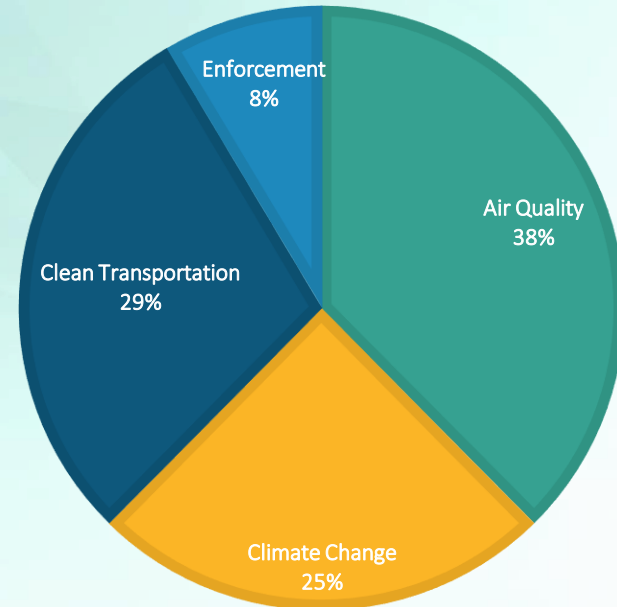
- 103 delegation meetings
- 35 countries represented
- Most frequent: China, Japan, EU

## 2019 YTD

- 15 meetings
- 18 countries
- 80-100 delegation meetings expected in 2019

## 2018 INTERNATIONAL DELEGATIONS BY TOPIC

■ Air Quality ■ Climate Change ■ Clean Transportation ■ Enforcement



# Air Quality

- Air pollution is transboundary
- International efforts can address implications for local air quality



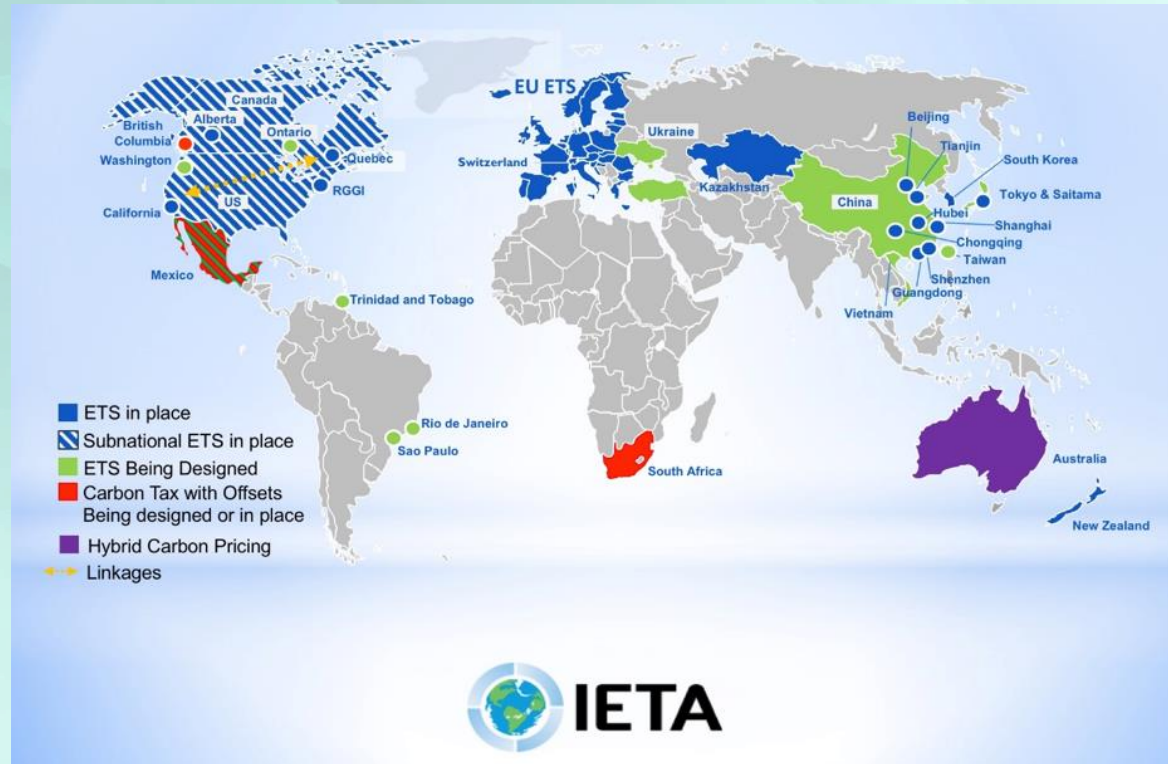


# Air Quality: Collaboration with Mexico

- CARB led Air Quality Working Group under the 2014-2018 Mexico MOU
- Share technical knowledge and information needed to support development of robust air quality monitoring, planning, and mitigation efforts
- Expand the criteria and toxics pollutant air monitoring network



# Cap-and-Trade



# Cap-and-Trade: MOU with China

CARB participated in meetings with Chinese entities on the design of China's pilot ETS programs

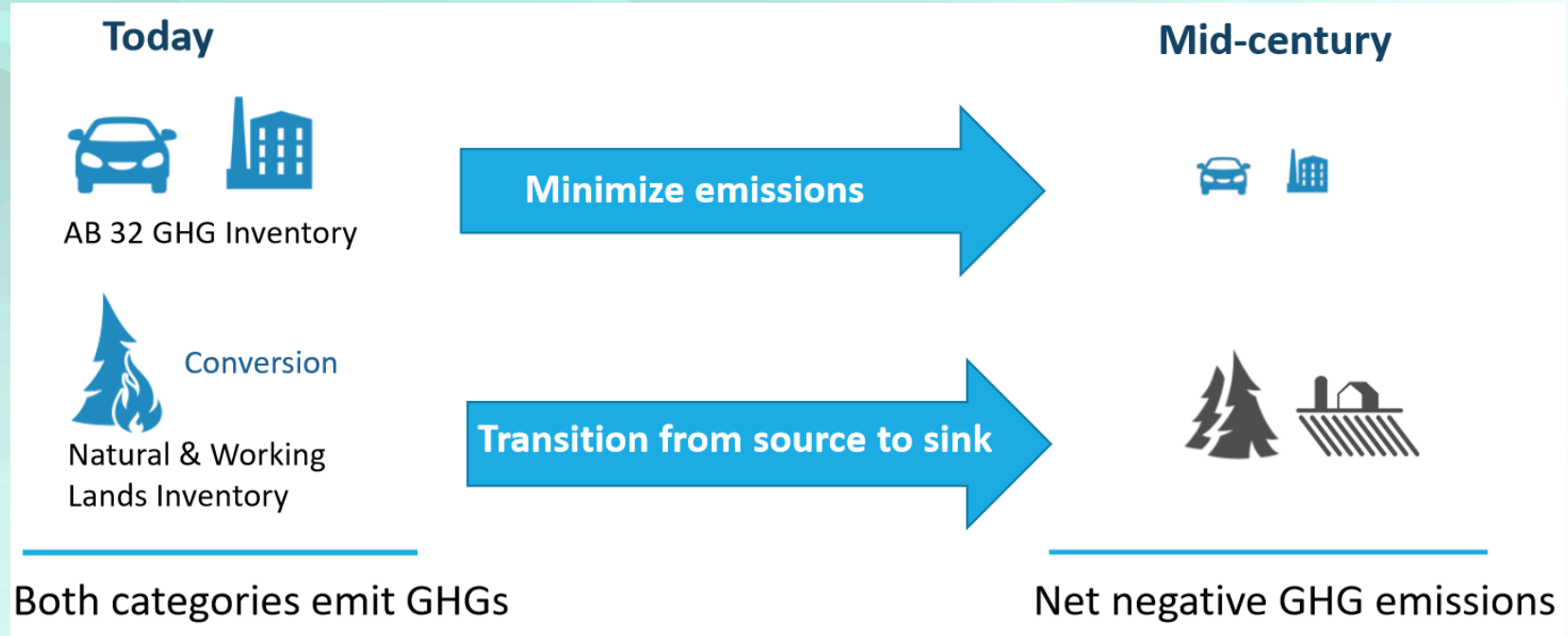
China began pilot ETS programs in 2013

First phase of the national GHG ETS began in November 2017

# Clean Transportation

- **Brazil's National Biofuel Policy RenovaBio**
  - Promote the production and use of biofuels in the national energy mix and collaborate for the competitive participation of biofuels in the Brazilian market
- **Canada's Clean Fuels Standard**
  - Goal to reduce carbon emissions from all fuels by 30 million tons in 2030
- **International ZEV Alliance and regional efforts**

# Climate Change: Planning for Carbon Neutrality



# Climate Change: Governor's Climate and Forests Task Force

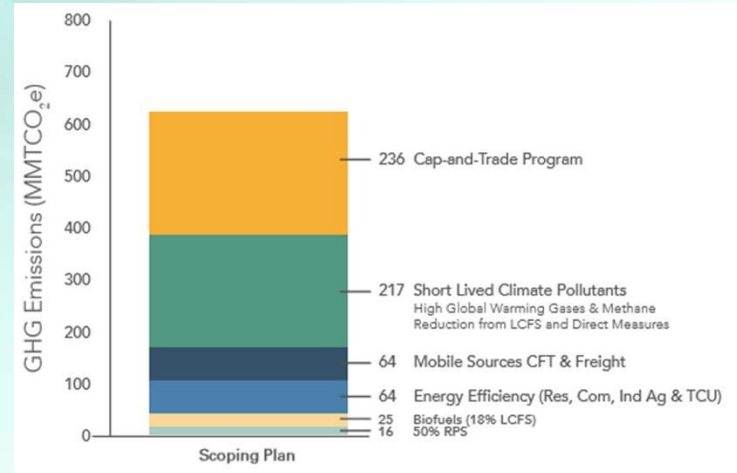


# Climate Change: Short-lived Climate Pollutants (SLCPs)

- SLCPs are powerful global warming forcers: methane, black carbon and hydrofluorocarbons
- The United Nations' Climate & Clean Air Coalition (CCAC) is focused on addressing SLCPs
- CA became the first subnational to join the CCAC in Fall 2018



**CLIMATE &  
CLEAN AIR  
COALITION**  
TO REDUCE SHORT-LIVED  
CLIMATE POLLUTANTS





# U.S. Climate Alliance and America's Pledge

- CA co-founded the U.S. Climate Alliance and America's Pledge efforts
- CA is also a member of the "We Are Still In" Coalition
  - Over 3,500 American states, cities, companies, tribes, universities and civil society organizations

U.S. Climate Alliance  
members represent

**MORE THAN  
40%**

of the population of  
the United States





# 2019 Overarching Priorities

- Continue to consult and coordinate with key partners on strategic and effective emission-reducing policies
- Utilize leadership role in coalitions to leverage additional ambition
- Consult with leading jurisdictions on successful approaches to decarbonize various sectors



# Looking Forward

## Newsom Administration

- Lieutenant Governor Eleni Kounalakis, Representative on International Affairs and Trade



## Topics

- Carbon neutrality
- Natural and working lands

## Regions/Governments

- North America
  - Canada & Mexico
- China
- India

# Thank you!

